HITACHI
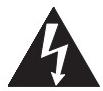## Inspire the Next

DVD PLAYER INSTRUCTION MANUAL

DVP335E

Instruction manual
To obtain the best performance and ensure years of trouble-free use, please read this instruction manual completely.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

PRECAUTIONS

A NOTE ABOUT RECYCLING

This product's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with your local recycling regulations.

Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.

Power Supply

The main power supply is engaged when the main plug is plugged in a 220-240V~ 50Hz AC outlet. To operate the unit, press the STANDBY button to turn on the unit.

Warning

To avoid fire or electric shock, do not expose this unit to rain or moisture.

WARNING: LIVE PARTS INSIDE. DO NOT REMOVE ANY SCREWS.

Dew Warning

Moisture condensation may occur inside the unit when it is moved from a cold place to a warm place, or after heating a cold room or under conditions of high humidity. Do not use the DVD Player at least for 2 hours until its inside is dry.

Caution

1) Do not attempt to open the cabinet. There are no parts you can service inside. Refer all servicing to qualified service personnel.
2) Slot and openings in the cabinet and at the side or bottom are provided for ventilation. To ensure reliable operation and to protect the unit from overheating these opening must not be blocked or covered. Avoid enclosed spaces such as book cases unless proper ventilation is provided.
3) Keep the unit away from the radiator heat sources.
4) Avoid using near strong magnetic fields.
5) Do not push objects of any kind into this through the cabinet slot as they could touch current carrying parts or short circuit parts resulting in a fire or electric shock.
6) Never spill liquid of any kind on this unit.
   If liquid is spilled into the unit, consult qualified service engineer.
7) Use this unit in a horizontal (flat) position only.
8) This equipment is in Stand-by mode when it turns off whilst the power cord is connected.

Laser Safety

This player employs a laser. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.

CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION: VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED. DO NOT STARE INTO BEAM.

LOCATION: * PRINTED ON THE BACK

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
KLASS 1 LASER APPARAT
CLASSE 1 PRODUIT LASER

English

Declaration of Conformity

This product complies with the requirement of the directives

EMC-Directive:	89 / 336 / EEC
Low Voltage Directive:	73 / 23 / EEC
CE Marking:	93 / 68 / EEC

EN 55013:2001
EN 55020:2002
EN 61000-3-2: 2000,
EN 61000-3-3:1995+A1:2001
EN 60065:1998
EN 60825-1:1994

declare that the DVD player
    DV-P335E
are in compliance with following norms:

About Copyright

Unauthorized copying, broadcasting, public performance and lending of discs are prohibited.
This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

TABLE OF CONTENTS

Supplied Accessories

- Remote control   DV-RM335E(TS18332)
- Two AA batteries
- VIDEO/AUDIO cables   approx.3 feet(100cm) long(TE14751)

Symbols Used in this Manual

The following symbols appear below in some headings and notes in this manual, with the following meanings!

DVD : Description refers to playback of DVD video discs.

CD : Description refers to playback of audio CDs.

MP3 : Description refers to playback of MP3 discs.

QUICK : Description refers to the items to be set in the QUICK mode.

ABOUT THE DISCS

Playable Discs

The following discs can be played back on this DVD player.

- **DVD video**   • **DVD-R***   • **Audio CD**   • **CD-R/RW***   • **MP3***

*Depending on the types or the writing method of the medium some discs can not be played.

- Some DVD-R or CD-R/RW discs made on personal computers, or on DVD recorders may not be played back properly due to factors such as scratches, dirt or special properties of the disc.
- Discs made on personal computers may not be played back properly due to different environments or the settings of the application you use. We recommend always to use the standardized, properly formatted discs. (Please contact the sales agency for more detail).

- Some discs include region codes as shown on the right.
- The number inside the symbol refers to a region of the world, and a disc encoded in a specific region format can only be played back on DVD player with the same region code.

For Customer Use:
Read carefully the information located at the bottom of your DVD player and enter below the Serial No.Retain this information for future reference.
Model No. DVD player
Serial No. _____

The following discs cannot be played back on this DVD player.

- **DVD with region codes other than 2 or ALL.**
- **DVD-ROM**
- **DVD-RAM**
- **CD-ROM**
- **VSD**
- **CDV (Only plays back the audio part.)**
- **CD-G (Only plays back the sound.)**

- **CD-I**
- **SACD**
- **Photo CD**
- **Video CD**

Any other discs without compatibility indications.

Disc Types

[Audio CD]

Data on an audio CD is divided into sections called "tracks", each of which is given a track number.

Example

| Track 1 | Track 2 | Track 3 | Track 4 | Track 5 | Track 6 |
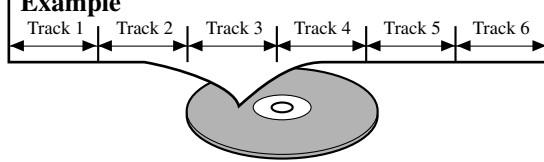
[MP3]

Data on a MP3 is divided into sections called "groups", and then into subsections called "tracks", each of which is given a group or track number.

Example

| Album 1 | | | | Album 2 | |
| Track 1 | Track 2 | Track 3 | Track 4 | Track 1 | Track 2 |

ABOUT THE DISCS

[DVD]

Data on a DVD is divided into sections called "titles", and then into subsections called "chapters", each of which is given a title or chapter number. Playback conditions are preset on some DVD video discs, and these playback conditions take priority over user operations on this player. If a function you selected do not run as desired, refer to the manual accompanying the disc.

Example

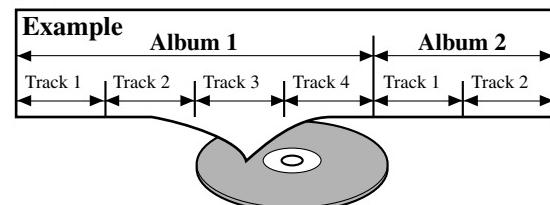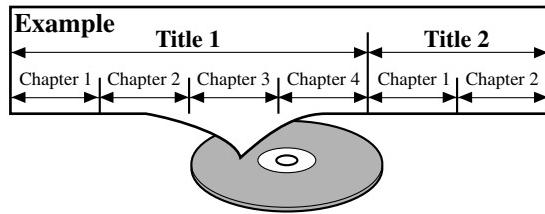| Title 1				Title 2	
Chapter 1	Chapter 2	Chapter 3	Chapter 4	Chapter 1	Chapter 2

FEATURES

- **Dolby Digital sound Plays back**
  This player plays back Dolby Digital surround sound having 5.1 channels when connected to a Dolby Digital decoder.
- **Still/fast/slow/step playback**
- **Random playback for audio CD and MP3**
- **Program playback for audio CD and MP3**
- **DVD menus in a desired language**
- **Screen saver/Auto power-off functions**
  The screen saver program starts when there is no input from the player for five minutes in the stop mode. When the screen saver program is activated for 30 minutes, the power is automatically turned off.
- **Subtitles in a desired language**
- **Selecting a camera angle**
- **Choices for audio language and sound mode**
- **Parental lock**
- **Automatic detection of discs**
  This player automatically detects if a loaded disc is DVD, audio CD or MP3 on disc.
- **Playing an MP3 disc**
- **Direct Search**
- **On-screen display**
  Information about the current operation can be displayed on a TV screen, allowing you to confirm the currently active functions (such as program playback), on the TV screen using the remote control.
- **DTS (Digital Theater System)**
  You can enjoy 5.1channel surround system developed by the Digital Theater System co. which reproduces the original sound as truthfully as possible.

- **Search**
  Chapter search / Title search / Track search / Time search
- **Repeat**
  Chapter / Title / Track / Group / All / A-B
- **Zoom**
- **Marker**
  An electronic references point designated by user can be called back.
- **Disc Navigation**
  Displays the first scenes of each chapter in a title.
- **Resume Play**
- **Virtual Surround**
- **EURO A/V (SCART)**
  You can set SCART OUTPUT to RGB or S-VIDEO for video output.
- **MPEG sound**
  This player can handle a disc that supports MPEG audio and the DVD player is connected to a MPEG decoder.
- **Dimmer**
  Dim the display brightness.
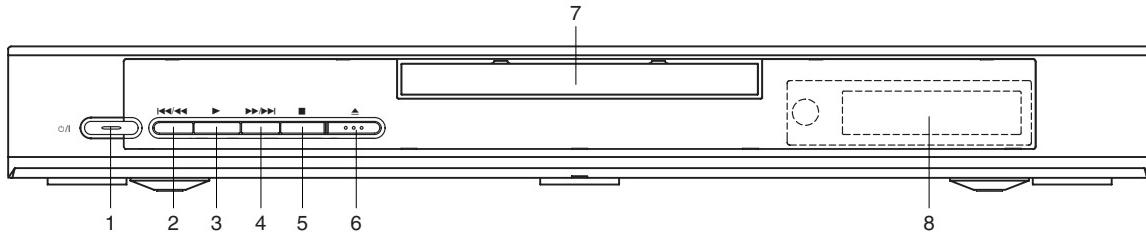- **Bit rate indication**
- **DRC (Dynamic range control)**
  You can control the range of sound volume.

## FRONT PANEL

1. ⏻/I **(POWER/STANDBY)**
    to switch the player to ON or OFF
    (As to the indication of the Operate switch, "I" indicates ON and "⏻" indicates electrical power STANDBY)
2. I◀◀ / ◀◀ **(SKIP/FR)**
    goes to previous chapter or track during playback; press and hold for 1.5 seconds for a reverse search
3. ▶ **(PLAY)**
    to start or resume disc playback

4. ▶▶ / ▶▶I **(FF/SKIP)**
    goes to next chapter or track during playback; press and hold for 1.5 seconds for a forward search
5. ■ **(STOP)**
    to stop playback
6. ⏏ **(OPEN/CLOSE)**
    to open/close the disc tray
7. **Disc tray**
8. **Display**

REAR PANEL
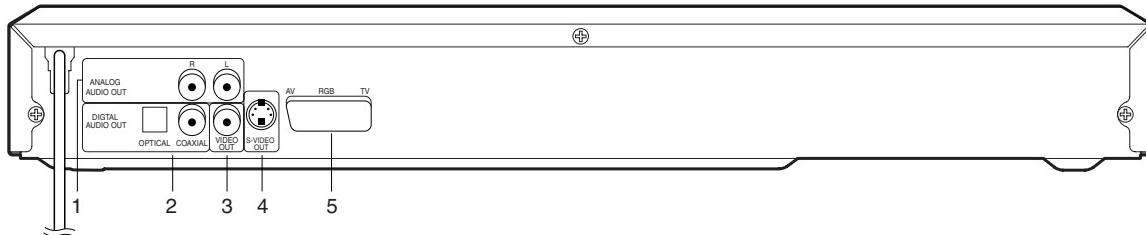
1. **ANALOG AUDIO OUT JACKS**
    Connect to the Audio input jacks of A/V-compatible TV or wide screen TV, Stereo system.
2. **DIGITAL AUDIO OUT JACKS:**
    Use either an optical or coaxial digital cable to connect to a compatible Dolby Digital receiver. Use to connect to a Dolby Digital decoder or DTS decoder.
3. **VIDEO OUT JACK**
    Use a video cable to connect one of the jack to Video input on your A/V-compatible TV or wide screen TV, Stereo system.

4. **S-VIDEO OUT JACK**
    Use the S-Video cable to connect this jack to the S-Video jack on your A/V-compatible TV or wide screen TV for a higher quality picture.
5. **EURO A/V (SCART) JACK**
    Use the Euro audio/video cable to connect this jack to the 21 pin scart jack on your A/V-compatible TV or wide screen TV for a best quality picture.

EN

REMOTE CONTROL

English
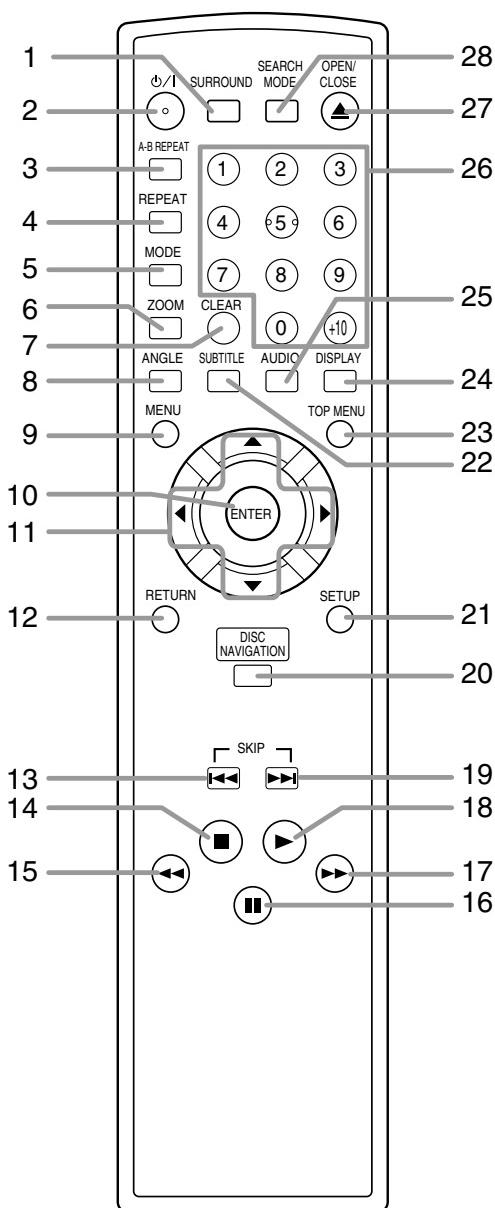
1. **SURROUND**
   Press to activate the virtual sound.
2. ⏻/I **(POWER/STANDBY)**
   to switch the player to ON or OFF
   (As to the indication of the Operate switch, "I" indicates ON and "⏻" indicates electrical power STANDBY)
3. **A-B REPEAT**
   Repeats playback of a selected section.
4. **REPEAT**
   Repeats playback of the current disc, title, chapter or track.
5. **MODE**
   to set up programmed or random playback (Audio CD)
   to set the virtual surround during DVD playback
6. **ZOOM**
   enlarge DVD video image
7. **CLEAR**
8. **ANGLE**
   select DVD camera angle
9. **MENU**
   to display the menu of the DVD disc
10. **ENTER**
    acknowledge menu selection
11. **Arrow Buttons (◀▶▼▲)**
    Move the cursor and determines its position.
12. **RETURN**
    to return previous or remove setup menu
13. **SKIP ◀◀**
    goes to previous chapter or track during playback; press and hold for 1.5 seconds for a reverse search
14. ■ **(STOP)**
    to stop playback
15. ◀◀
    to view DVD picture in fast reverse motion
16. ❚❚ **(PAUSE/STEP)**
    Press to pause Disc playback. Press repeatedly to advance the DVD picture step by step (or one frame at a time).
17. ▶▶
    to view DVD picture in fast forward motion
18. ▶ **(PLAY)**
    to start or resume disc playback
19. **SKIP ▶▶**
    goes to next chapter or track during playback; press and hold for 1.5 seconds for a forward search
20. **DISC NAVIGATION**
    Press to display the first scenes of each chapter of the title being played.
21. **SETUP**
    Press to enter the setup mode.
22. **SUBTITLE**
    Press to select the desired subtitle language.
23. **TOP MENU**
    Press to call up the title menu.
24. **DISPLAY**
    Press to access or remove the display screen during DVD or Audio CD playback.
25. **AUDIO**
    Press to select a desired audio language or sound mode.
26. **Numerical Buttons**
    Press to directly select a Track (Audio CD) for playback.
27. ⏏ **(OPEN/CLOSE)**
    to open/close the disc tray
28. **SEARCH MODE**
    Press to access or remove the Search display, which allows you to go directly to a specific Title/Chapter/Track/Time.

Tour of the remote control

Buttons on remote control work in different ways for DVD and CD :
Refer to the following table for correct use.

	DVD	CD
POWER/STANDBY Button ⏻/❙	• Turns the player on and off.	• Turns the player on and off.
A-B REPEAT Button A-B REPEAT	• Marks a segment to repeat between A and B.	• Marks a segment to repeat between A and B.
REPEAT Button REPEAT	• Allows you to repeat play a Chapter or Title.	• Allows you to repeat play a Track or Disc.
MODE Button MODE	• To set surround on/off.	• Allows you to programme a specific order or random playback.
ZOOM Button ZOOM	• To magnify part of picture (x2/x4)	——
ANGLE Button ANGLE	• Accesses various camera angles on a disc.	——
SUBTITLE Button SUBTITLE	• Accesses various subtitles on a disc.	——
AUDIO Button AUDIO	• Accesses various audio functions on a disc.	• To select STEREO, L-CH or R-CH.
DISPLAY Button DISPLAY	• Displays the current disc mode.	• Displays the current disc mode.
SURROUND Button SURROUND	• To activate the 3D sound.	——
SEARCH MODE Button SEARCH MODE	• To search chapter or time. • To rapidly return to a location of disc. • Search the makers.	• To search track or time. • To rapidly return to a location of disc. • Search the makers.
OPEN/CLOSE Button OPEN/ CLOSE ⏏	• To open or close the disc tray.	• To open or close the disc tray.
NUMBER Buttons ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⓪ +10	• To select chapter directly.	• To select track directly, use display function, or input programme order.
CLEAR Button CLEAR	• Clear the makers. • Clear the number that is entered incorrectly.	• Clear the makers. • Removes status No. in programme input. • Clear the number that is entered incorrectly.

◁ **Tour of the remote control** ▷

	DVD	CD
MENU Button MENU ◯	• Brings up the Menu on a disc.	——
TOP MENU Button TOP MENU ◯	• Brings up the Top Menu on a disc.	——
ENTER Button **(UP/DOWN or LEFT/RIGHT** **Button)**	• Moves the cursor and determines its position.	• Moves the cursor and determines its position.
RETURN Button RETURN ◯	• Returns to a previous menu.	——
DISC NAVIGATION Button DISC NAVIGATION	• The first scenes of each chapter of the title being played will be displayed.	——
SETUP Button SETUP ◯	• Brings up the DVD player's Setup menu.	• Brings up the DVD player's Setup menu.
SKIP Buttons SKIP ⏮ ⏭	• To skip Chapters.	• To skip Tracks.
SEARCH Buttons ◀◀ ▶▶	• Allows you to search forward/backward through a disc (×2. ×8. ×50. ×100) .	• Allows you to search forward/backward through a disc (×16) .
STOP Button ⏹	• To stop playback.	• To stop playback.
PLAY Button ▶	• Begin disc play.	• Begin disc play.
PAUSE/STEP Button ⏸	• Pause disc play. • Advances playback one frame at a time.	• Pause disc play.

Display

Stays on when repeat title function is on.

Stays on when repeat chapter function is on.

Stays on when repeat track function is on.

Stays on when the repeat function is on.

Stays on when the A-B repeat function is on.

Lights up when a DVD is inserted into the tray.

Lights up when a CD is inserted into the tray.

Stays on when the inserted disc is being played back.

Lights up when the inserted disc comes to a pause.

Displays how long a current title or track has been played back. When a chapter or track has switched, the number of a new title, chapter or track is displayed.

[Fig. 4]

Displays During Operation

	Power on
	No disc inserted /can not read
	Tray open
	Tray closed
	Loading the Disc
	Power off
	When a disc is being Play back

Loading the Batteries

1. Open the battery compartment cover.

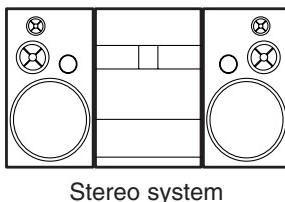2. Insert two AA batteries, with each one oriented correctly.
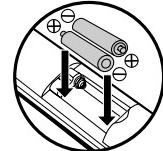
3. Close the cover.

NOTES
- Do not mix alkaline and manganese batteries.
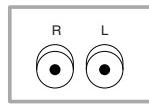- Do not mix old and new batteries.
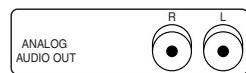
Connection to an audio system

| Method 1 | | Method 2 |

Stereo system

Dolby Digital decoder,
DTS decoder,
or MPEG decorder

AUDIO Audio Input Jacks

R   L

Digital Audio Input Jacks

OPTICAL COAXIAL

or

DVD Analog Audio Out

ANALOG
AUDIO OUT

R   L

Digital Audio Out

DIGTAL
AUDIO OUT

OPTICAL COAXIAL
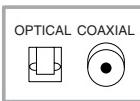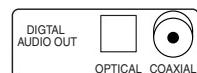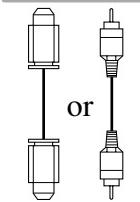
- **Method 1** DVD Player + Stereo system
- **Method 2** DVD Player + Dolby Digital decoder, DTS decoder or MPEG decorder

NOTES
- If you use the Euro audio/video cable, it is not necessary to connect the analog audio cable.
- If output Dolby Digital audio, connect to a Dolby Digital decoder, and set Dolby Digital to BITSTREAM for audio output in the setup mode. (See page 17)
- If output DTS audio, connect to a DTS decoder, and set DTS to BITSTREAM for audio output in the setup mode. (See page 17)
- If output MPEG audio, connect to a MPEG decoder, and set MPEG to BITSTREAM for audio output in the setup mode. (See page 17)
- Unless connected to a Dolby Digital decoder, DTS decoder, or an MPEG decoder, set Dolby Digital and MPEG to PCM, and DTS to OFF for audio output in the setup mode. Playing a DVD using incorrect settings may generate noise distortion, and may also damage the speakers. (See page 17)
- The audio source on a disc in a 5.1 channel Dolby Digital surround format cannot be recorded as digital sound by an MD or DAT deck.
- Set Dolby Digital and MPEG to PCM, and DTS to OFF for audio output in the setup mode for method 1 only. Playing a DVD using incorrect settings may generate noise distortion, and may also damage the speakers. (Refer to page 17 to set BIT-STREAM for Dolby Digital, DTS and MPEG)

Optical cable (not supplied)
- Optical cable (not supplied) may be damaged when bent at sharp angles. Ensure cables are coiled in loops with a diameter of 15 cm or more when storing them.
- Use a cable which is 3m or shorter.
- Insert cable plugs firmly into the connectors when making connections.
- If a plug has minor scratches or is dirty, clean it with a soft cloth before inserting it into a connector.

Connection to a TV (for video)

	Method 1	Method 2	Method 3
Basic Audio	Good picture	Better picture	Best picture

TV

R L   VIDEO IN   S-VIDEO IN

21 pin Scart jack

AV Cable

S-Video Cable

Euro audio/video Cable

DVD

or   or

ANALOG AUDIO OUT   R L

VIDEO OUT

S-VIDEO OUT

AV   RGB   TV

Analog Audio out   **Video out**   **S-Video out**   **EURO Audio/Video out**
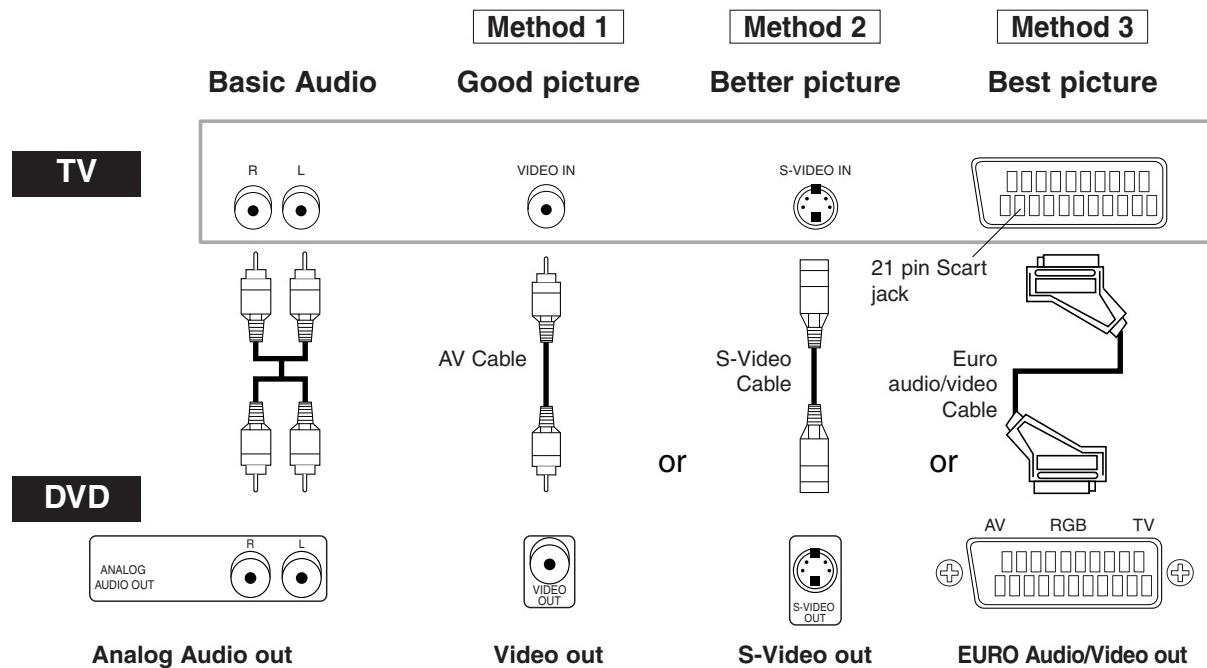
• **Method 1** DVD Player + TV with Video Input Jack
• **Method 2** DVD Player + TV with S-Video Input Jack
• **Method 3** DVD Player + TV with 21 pin scart Jack

NOTES
• If you use the Euro audio/video cable, it is not necessary to connect the analog audio cable.
• Connect the DVD player directly to a TV. If the A/V cables are connected to a VCR, pictures may be distorted due to the copy protection system.

HOW TO CONNECT TO A TV WITHOUT AUDIO/VIDEO INPUT JACKS
If your TV does not have RCA type audio and video input jacks it is still possible to connect this DVD player to your TV's 75-ohm coaxial antenna terminal using a commercially available Stereo Audio/Video RF Modulator, not included. Connect the audio and video outputs of the DVD player to the audio and video inputs on the RF Modulator, and then connect the coaxial output of the RF Modulator (usually marked "TO TV") to the 75 ohm coaxial antenna terminal on your TV. Follow the instruction supplied with the RF Modulator for more details.
If your TV's 75 ohm coaxial antenna terminal is already occupied by an antenna or cable box connection, remove that cable from your TV's antenna terminal and reconnect it to the coaxial antenna input terminal of the RF Modulator (usually marked "ANT IN"), then connect the RF modulator to your TV's antenna terminal as described above.
NOTE
• The picture quality from DVD discs will not be as good if the DVD player is connected to the TV's antenna terminal through an RF Modulator.
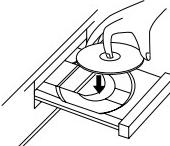
Basic Playback

DVD **CD**

Getting started
- Turn on the power of the TV, amplifier and any other components which are connected to the DVD.
- Make sure the TV and audio receiver (commercially available) are set to the correct channel.
- When you play NTSC discs, the NTSC signal will be converted to a modified PAL signal (60 Hz). When you select AUTO at VDEO OUT setting, the NTSC signal will not be converted to the PAL signal. (refer to page 18)

1 Press ⏻/I **.**
   • "P-ON" will appear briefly on the display panel.
2 Press **OPEN/CLOSE** to open disc loading tray.
3 Place the chosen disc in the tray, with the label facing up.
4 Press **PLAY**.
   • The tray will close automatically, and playback will then start from the first chapter or track of the disc. If the playback does not start automatically, press PLAY.
   • When you playback the DVD with a title menu is recorded, it may appear on the screen. In this case, refer to "TITLE MENU".
5 Press **STOP** to stop playback.

NOTES:
   • A "prohibited icon" may appear at the top-right on the TV screen during operation, warning that a prohibited operation has been encountered by the DVD player or the disc.
   • With DVDs that use some titles for playback program signals, playback may start from the second title, or it may skip these titles.
   • During the playback of two layered disc, pictures may stop for a moment. This happens when the 1st layer switches to the 2nd layer. This is not a malfunction.

General Features

DVD may contain menus to navigate the disc and access special features. Press the appropriate numerical key or use **Arrow** (▼/ ▲ / ►/ ◄) to highlight your selection in the DVD main menu and press **ENTER** to confirm.

NOTE:
   • Unless stated, all operations described are based on remote control use. Some operations can be carried out using the menu bar on the TV screen.

Disc Navigation

DVD

1 Press **DISC NAVIGATION**.
During title playback or when resume is on:
- A shot from each chapter including the one currently being played will be displayed on the screen.
- The chapter currently being played is selected in yellow.
In STOP mode (resume off):
- The first scene of each chapter of the first title will be displayed.
2 Press **Arrow** (▲/▼/◄/►) to select your desired chapter.
- Up to 6 chapters can be displayed at one time. If the title has more than 6 chapters, press SKIP ►►I to go to the next page. Press SKIP I◄◄ to go back to the previous page.
- You can change the title by moving up to the field where the title number is shown with Arrow (▲), and entering a title number of your choice.
3 Press **ENTER** or **PLAY**.
- Playback of the selected chapter will start.
- Pressing DISC NAVIGATION before pressing ENTER or PLAY at step 3 will cease the DISC NAVIGATION function, and the playback will be stopped. The resume information will be lost.
- When a disc menu is shown, the DISC NAVIGATION feature does not function.
- DISC NAVIGATION takes a few seconds to respond.
- With some discs, part of the DISC NAVIGATION screen may not be displayed properly. This is not a malfunction.

- Some discs do not support DISC NAVIGATION feature.
- While the DISC NAVIGATION is on the screen, the sound is muted.
- It takes about 15 seconds to display 6 shots.

Pause

DVD **CD**

1 During playback, press **PAUSE/STEP**.
   • Playback will pause and sound will be muted.
2 To continue playback, press **PLAY**.

Disc Menus

DVD

1 Press **MENU**.
   • The DVD main menu will appear.
2 If the feature is not available, ⊘ symbol may appear on the TV screen.
3 If disc menu is available on the disc, audio language, subtitle options, chapters for the title and other options will appear for selection.
4 Press **Arrow** (▼/ ▲/ ►/ ◄) to select an item, and **ENTER** to confirm selection.

Title Menu

DVD

1 Press **TOP MENU**.
   • The title menu will appear.
2 If the feature is not available, ⊘ symbol may appear on the TV screen.
3 Press **Arrow** (▼/ ▲/ ►/ ◄) to select an item, and **ENTER** to confirm selection.
   • Playback will begin at the selected Title.

CALLING UP A MENU SCREEN DURING PLAYBACK

DVD

- Press **MENU** to call up the DVD main menu.
- Press **TOP MENU** to call up the title menu.

NOTE:
   • Contents of menus and corresponding menu operations may vary between discs. Refer to the manual accompanying the disc for details.

Step by Step Playback

DVD

1 During playback, press **PAUSE/STEP**.
   • Playback will pause and sound will be muted.
2 The disc advances by one frame each time **PAUSE/STEP** is pressed.
3 To exit step by step playback, press **PLAY**.

Resume

DVD **CD**

1 During playback, press **STOP**.
   • Resume message will appear on the TV screen.
2 Press **PLAY**, playback will resume from the point at which playback was stopped.
   • To cancel resume, press **STOP** twice.

NOTE:
   • The resume playback takes a little longer to take place compared to the normal playback.

English

Fast Forward / Reverse Search

| DVD | CD | MP3 |

1 During playback, press ▶▶ or ◀◀ repeatedly to select the required forward or reverse speed: x2, x8, x50, x100.
  • If you are using **FF/SKIP** ▶▶ **/** ▶▶| on the front panel, press and hold it for more than 1.5 sec (the longer you hold it, the faster the speed will be). When you reach the desired speed, release the button.
  • For audio CDs, the speed is fixed at x16.
  • For MP3, the speed is fixed at x8.
2 To return to normal playback, press **PLAY**.

Slow Forward / Slow Reverse

| DVD |

1 During playback, press **PAUSE/STEP**.
2 Press ▶▶ or ◀◀ .
  • Slow motion playback will begin and sound will be muted.
3 Press ▶▶ or ◀◀ repeatedly to select the required speed: 1/16, 1/8, 1/2 of the normal playback.
  • If you are using **SKIP/FR** |◀◀ **/** ◀◀ on the front panel, press and hold it for more than 1.5 sec (the longer you hold it, the slower the speed will be). When you reach the desired speed, release the button.
4 To return to normal playback, press **PLAY**.

Zoom

| DVD |

The Zoom function allows you to enlarge the video image and to pan through the enlarged image.
1 Press **ZOOM** during playback.
  • Playback will continue.
2 Press **ZOOM** repeatedly to select the required zoom factor: x2, x4 or OFF.
3 Use **Arrow** (▼/ ▲/ ▶/ ◀) to move the zoomed picture across the screen.
4 To exit zoom mode, press **ZOOM** to OFF.

NOTES:
  • Zooming function does not work while disc menu is shown.
  • x4 zoom is not available on some discs.

Track

| CD |

There are three ways to begin playback on an Audio CD at a specific Track.
Using the Numerical buttons
1 Press **numerical buttons** to enter the desired Track number.
  • Playback will start at the selected track.
  • For single digit tracks (1-9), press a single number (eg. track 3, press 3).
  • To play track 26, press +10, 2, 6 on the numerical button.
Using the SEARCH MODE
1 Press **SEARCH MODE**.
  • The track search display appears.
2 Within 30 seconds, select a desired track number using **numerical buttons**. For single digits press "0" first.
  • Playback will start at the selected track.

Using the SKIP |◀◀ ▶▶|
During playback, press **SKIP** ▶▶| to move to the next track. Press it repeatedly to skip subsequent tracks. Press **SKIP** |◀◀ to go back to the beginning of the current track. Press it repeatedly to go to the previous tracks.
  • Track number will appear briefly on the DVD display panel.
  • If SKIP is pressed while the playback is paused, the playback will be paused again after skipping to the next track.

NOTE:
  • **SKIP** |◀◀ ▶▶| are not available when playback is stopped.

Title / Chapter Search

| DVD |

1 Press **SEARCH MODE** once for the Chapter search, twice for the Title search during playback.

```
▭▭  _ /2
```
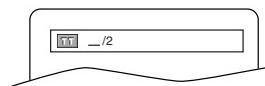
2 Enter the desired chapter/title number using **numerical buttons**.

Time Search

| DVD | CD |

1 During playback, press **SEARCH MODE** three times (CD: twice) to display the Time Search on the TV screen.
2 Within 30 seconds, enter a desired disc time using **numerical buttons**.
  • Playback will start at the specified time.
3 Press **CLEAR** to erase the incorrect input.

Repeat

  • **REPEAT** is available only during playback.

REPEAT TITLE / CHAPTER

| DVD |

To activate the repeat function, press **REPEAT** during playback.
• The repeat mode changes as described below every time you press the button.

| ⟲ CHAPTER ⟶ ⟲ TITLE ⟶ ⟲ OFF |
| (**current chapter** repeat) (**current title** repeat) (repeat **off**) |

NOTES:
  • Repeat Title/Chapter is not available with some scenes.
  • The REPEAT setting will be cleared when moving to other title or chapter.

REPEAT TRACK

CD

To activate the repeat function, press **REPEAT** during playback.

• The repeat mode changes as described below every time you press the button.

⊡ **TRACK** ⟶ ⊡ **ALL** ⟶ ⊡ **OFF**
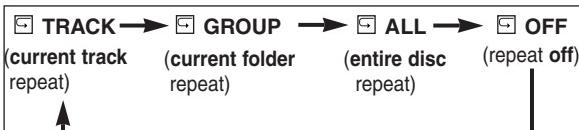(**current track** repeat)　(**entire disc** repeat)　(repeat **off**)

NOTES:
• The REPEAT setting will be cleared when moving to other track.
• Repeat playback does not function during A-B repeat playback.

MP3

⊡ **TRACK** ⟶ ⊡ **GROUP** ⟶ ⊡ **ALL** ⟶ ⊡ **OFF**
(**current track** repeat)　(**current folder** repeat)　(**entire disc** repeat)　(repeat **off**)

A-B REPEAT

DVD **CD**

1 Press **A-B REPEAT** at your chosen starting point.
• ⊡ **A-** appears briefly on the TV screen.
2 Press **A-B REPEAT** again at your chosen end point.
• ⊡ **A-B** appears briefly on the TV screen, and the repeat sequence begins.
3 To exit the sequence, press **A-B REPEAT**.

NOTES:
• The A-B repeat section can only be set within the current title (for DVDs), or current track (for audio CDs).
• A-B Repeat is not available with some scenes in DVD.
• To cancel the A point which was set, press **CLEAR**.
• A-B Repeat playback does not function during title, chapter, track or all repeat playback.

Program

CD

You may determine the order in which tracks will play.
1 In stop mode press **MODE**.
　• The PROGRAM screen will appear.
2 Press ▲ or ▼ to select a track, then press **ENTER**.
　• Press **CLEAR** to erase the most recently entered program.
3 Press **PLAY** to play the programmed tracks.

NOTES:
• While the program is being played back, the **STOP** works as follows.
• Press **STOP** once and then **PLAY** again, playback will restart from the point where **STOP** was pressed. (Program continued)
• Press **STOP** twice and then **PLAY** again, playback will restart from the track in the usual way. (Program cleared)
• Up to 99 programs can be entered.
• If you wish to repeat the current track in the program, press **REPEAT** repeatedly until ⊡ **TRACK** appears during playback. If you wish to repeat the entire program press **REPEAT** repeatedly until ⊡ **ALL** appears during playback.
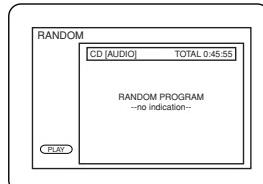
Random Playback

CD

This shuffles the playing order of tracks instead of playback in the original sequence.
1 In stop mode, press **MODE** twice.
　• RANDOM screen appears.
2 Press **PLAY** to start random playback.

NOTES:
• If you wish to repeat the current track in the random selection, press **REPEAT** repeatedly until ⊡ **TRACK** appears during playback. If you wish to repeat the entire random selection press **REPEAT** repeatedly until ⊡ **ALL** appears during playback.

MP3 Playback

MP3

When a CD with MP3 files is inserted in the DVD player, the MP3 menu will appear on the TV screen, and number of tracks is displayed on the front panel.
**1** In stop mode, press ▲ or ▼ to select the desired group or track.
　• If a group is selected, press ▶ or **ENTER** to go to the track selection screen.
　Press ▲ or ▼ to choose a track, then press **PLAY** or **ENTER**.
　• If a track is selected, press **PLAY** or **ENTER** to start playing tracks. Starting from the one you've just chosen the subsequent tracks will be played.
　• Choose FIRST PLAY to start playback from the beginning of the listed tracks.
　• Press **TOP MENU** to return to the first item.
2 Press **STOP** to stop playback.
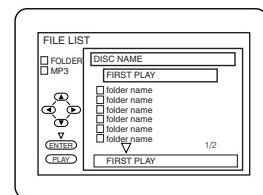
NOTES:
• Folders are known as Groups; files are known as Tracks.
• MP3 files are accompanied by 🎵 icon.
• Maximum of 255 folders can be recognized.
• Maximum of 256 files can be recognized.
• Up to 8 hierarchies can be created.

This player recommends the use of files recorded with the following specifications:
• Sampling frequency: 44.1kHz or 48kHz
• Constant bit rate: 112kbps ~ 320kbps.

On-Screen Information

MP3

You can check the MP3 files during playback.
1 Press **DISPLAY**.
　• The name of the file currently in play will be displayed.
2 Press **DISPLAY** again to show the track number, the elapsed time, the repeat status, and the playback status at the top of the screen.
　• ⊡ will be displayed when the repeat play has been selected.
　⊡ T - indicates Track repeat
　⊡ G - indicates Group (folder) repeat
　⊡ A - indicates Disc repeat
3 Press **DISPLAY** again to exit.

– 15 –

EN

Track Selection

MP3

1 Press **SEARCH MODE** during playback.
 • The FILE LIST will appear.
2 Select a desired track using **Arrow (▼/▲/►/◄)**.
 • Press ► when you want to go to the next hierarchy.
 • Press ◄ when you want to go back to the previous hierarchy.
3 Press **PLAY** to start playing

NOTES:
• Press **SEARCH MODE** to exit.
• Some selections may require additional time to be recognized.

Random Playback

MP3

1 Press **MODE** twice while playback is stopped.
2 Press **PLAY** to play the tracks in random order.

Program

MP3

This feature allows you to program a mp3 disc to play in a desired sequence.
1 Press **MODE** while playback is stopped.
 • The PROGRAM screen will appear.
2 Press ▲ or ▼ to select a track, then press **ENTER**, to save it in a program.
 • Press **CLEAR** to erase the incorrect input.
3 Press **PLAY** to start programmed playback.

Audio Language

DVD

The DVD player allows you to select a language during DVD disc (if multi language available) playback.
1 Press **AUDIO** during playback.
2 Press **AUDIO** repeatedly to select your desired language.

NOTES:
• Pressing **AUDIO** may not work on some DVDs with multiple audio languages (e.g. DVDs which allow audio language setting on the disc menu).
• Some discs allow audio language setting on the disc menu. (Operation varies between discs, so refer to the manual accompanying the disc.)
• If you choose a Language that has a 3 letter language code, the code will be displayed every time you change the Subtitle language setting. If you choose any other languages, '---' will be displayed instead. (Refer to page 18.)

Stereo Sound Mode

CD

1 Press **AUDIO** repeatedly during playback to select between STEREO, L-CH or R-CH.

STEREO - both right and left channels are active (stereo)

L-CH - only left channel is active

R-CH - only right channel is active

NOTE:
• If the Virtual Surround setting is ON, the sound mode will be fixed to STEREO, and can not be changed.
• Stereo sound mode will not be changed when playing DTS CD.

Subtitle Language

DVD

The DVD player allows you to select a language for subtitle during DVD disc (if available) playback.
1 Press **SUBTITLE** during playback.
2 Press **SUBTITLE** repeatedly to select your desired subtitle language.
 • The selected language will be displayed on the display bar at the top of the screen.
3 To turn off subtitles, press **SUBTITLE** repeatedly until OFF appears.

NOTES:
• Some discs allow subtitle language setting on the disc menu. (Operation varies between discs, so refer to the manual accompanying the disc.)
• If the desired language is not shown after pressing **SUBTITLE** several times, the disc does not have subtitles in that language.
• If you choose a Language that has a 3 letter language code, the code will be displayed every time you change the Subtitle language setting. If you choose any other languages, '---' will be displayed instead. (Refer to page 18.)

Camera Angle

DVD

Some DVD discs contain scenes which have been shot simultaneously from various angles. You can change the camera angle when the (📷) mark appears on the screen.
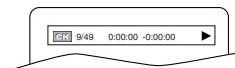
1 Press **ANGLE** during playback.
 • The selected angle will be displayed on the display bar at the top of the screen.
2 Press **ANGLE** repeatedly to select your desired angle.

Changing the On-Screen Display

DVD

You can check information about the current disc by pressing **DISPLAY** on the remote control.
1 Press **DISPLAY** during playback to show current Chapter.

`CH 9/49   0:00:00 -0:00:00   ►`

 • The elapsed and remaining playing time of the current chapter will be displayed.
2 Press **DISPLAY** again to show current Title.
 • The elapsed and remaining playing time of the current title will be displayed.
3 Press **DISPLAY** the third time.
 • The BIT RATE and the current repeat setting will be displayed.
 • If you are playing a dual layered disc, the layer number will also be displayed (L0: Layer 0 is playing. L1: Layer 1 is playing).
4 Press **DISPLAY** the fourth time to remove the display.

CD

1 Press **DISPLAY** during playback, the current Track will be displayed on the TV screen.
 • The elapsed and remaining playing time of the current track will be displayed.
2 Press **DISPLAY** again to show current Total Track.
 • The elapsed and remaining playing time of the current total track will be displayed.
3 Press **DISPLAY** the third time to remove the display.

Parental Control

DVD

Parental Control limits playback of discs with unsuitable audience ratings. A four digit code estalished by the user will unlock the parental lock.

This feature allows you to prevent discs with objectionable scenes from being played by your children.

PARENTAL LEVEL

Parental Level allows you to set the rating level of your DVD discs. Playback will stop if the disc's ratings exceed the level you set.

1 Press **SETUP** in STOP mode.

2 Press ► to select **CUSTOM**, then press **ENTER**.

3 Press ◄ or ► to select PARENTAL, then press **ENTER**.

4 Enter your four-digit password then press **ENTER**.

5 Press ▲ or ▼ to select RATING LEVEL, then press **ENTER**.

6 Press ▲ or ▼ to select the desired level.

7 Press **SETUP** to exit.
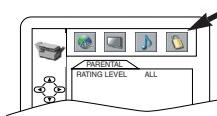
NOTES:
- When doing this for the first time, enter any 4 digits. (except for 4737) That number will be used as the password.
- To change the password, press ▲ or ▼ to select CHANGE at step 5, then press **ENTER**. Enter the four-digit pass-word, then press **ENTER**.
- With some DVDs, it may be difficult to find if they are compatible with parental lock. Be sure to check if the parental lock function operates in the way that you have set.
- Record the password in case you forget it.

IF YOU FORGET THE PASSWORD

1 Press **4**, **7**, **3**, **7** at step 4.
- Password will be cleared and parental level will be set to ALL.

2 Repeat steps 5-7 to re-establish the parental lock.

CONTROL LEVELS

- **ALL**
  Parental lock is cancelled.
- **Level 8**
  DVD software of any grade (adult/general/children) can be played back.
- **Levels 7 to 2**
  Only DVD software intended for general use and children can be played back.
- **Level 1**
  Only DVD software intended for children can be played back, with those intended for adult and general use prohibited.

Marker Setup Screen

DVD **CD**

Use markers to memorise your favourite places on a disc.

1 Press **SEARCH MODE** four times (CD: three times) during playback.
- The display screen and Markers will appear on the TV screen.

2 Press ◄ or ► to select 1, 2, 3, 4, 5, 6, 7, 8, 9, or 10 and ensure that "- : - - : - -" appears in the display.

3 When reaches the desired point, press **ENTER**.
- The Title or Track and elapsed playing time will appear in the TV screen.

4 To return to the Marker later, press **SEARCH MODE** four times (CD: three times) during playback and ◄ or ► to choose the desired marker, then press **ENTER**.

NOTES:
- Opening the disc tray or turning off the power or select AC at step **2** and press **ENTER** will erase all Markers.
- To clear a marker, using ◄ or ►, position the cursor on to the marker number to be cleared and press **CLEAR**.
- You can mark up to 10 points.

5 Press **SEARCH MODE** or **RETURN** to exit.

Audio Setting

Choose the appropriate Audio settings for your equipment as it only affect during the playback of DVD discs of the DVD player.

1 In STOP mode press **SETUP**.

2 Press ► to select **CUSTOM**, then press **ENTER**.
- CUSTOM mode will appear.

3 Press ◄ or ► to select AUDIO, then **ENTER** to confirm.

4 Press ▲ or ▼ to select the below items, then press **ENTER**.
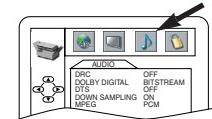
DRC (Dynamic Range Control) :
- To compress the range of sound volume.
- The default setting is OFF.

DOLBY DIGITAL : **QUICK**
Set to BITSTREAM when the player is connected to Dolby Digital Decoder.
(BITSTREAM : Output by Dolby Digital)
(PCM : Convert the Dolby Digital to PCM)
- The default setting is BITSTREAM.

DTS (Default : OFF)
BITSTREAM : Output by DTS sound
Set to ON when the unit is connected to DTS Decoder.

DOWN SAMPLING :
- Set to ON when outputting in 48kHz.
- The default setting is ON.

When playing disc with copyright Protection
- If you select OFF, copyright protection will be activated and sound will be down sampled at 48kHz.

MPEG (Default : PCM)
BITSTREAM : Output by MPEG sound
PCM: Convert the MPEG to PCM
Set to ON when the unit is connected to MPEG Decoder.

5 Press **SETUP** to exit.

Virtual Surround
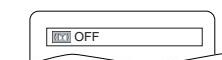
You can enjoy stereophonic visual space on your existing 2 channel stereo system.

DVD **CD** **MP3**

1 Press **SURROUND** during playback.

2 Press **SURROUND** to set it 1(Natural effect), 2(Emphasized effect) or OFF.

3 Press **RETURN** to exit.

NOTE (for CD play only):
- Virtual Surround will not be effective if the sound mode is set to something other than STEREO.
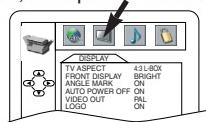
Display Setting

DVD

You can change certain aspects of the DVD display screens, on-screen messages and the display panel on the front of the DVD player.

1 Press **SETUP** in STOP mode.

2 Press ▶ to select **CUSTOM**, then press **ENTER**.
• CUSTOM mode will appear.

3 Press ◀ or ▶ to select DISPLAY, then **ENTER** to confirm.

4 Press ▲ or ▼ to select the below items, then press **ENTER**.

TV ASPECT : QUICK

• Press ▲ or ▼ for an item selection, then press **ENTER**.
• Select 4:3 LETTER BOX for a black bars appears on top and bottom of the screen.
• Select 4:3 PAN - SCAN for a full height picture with both sides trimmed.
• Select 16:9 WIDE if a wide-screen TV is connected to the DVD player.
• The default setting is 4:3 LETTER BOX.

```
                    DISPLAY
TV ASPECT        4:3 L-BOX
FRONT DISPLAY    BRIGHT
ANGLE MARK       ON
AUTO POWER OFF   ON
VIDEO OUT        PAL
LOGO             ON
```

FRONT DISPLAY :

• Press ▲ or ▼ to select an item. Press **ENTER**, and then select BRIGHT, DIM, or AUTO DIM with ▲ or ▼.
• This adjust the brightness of the display panel with the factory default BRIGHT.
• When AUTO DIM is selected, the display dims only during playback.

ANGLE MARK :

• Press **ENTER** repeatedly to turn Angle mark ON or OFF.
• The default setting is ON.

AUTO POWER OFF :

• Press **ENTER** repeatedly to turn Auto Power ON or OFF.
• The default setting is ON and it will turn the DVD player to off automatically after 35 minutes of no use.

VIDEO OUT :

• Press **ENTER** repeatedly to turn video out PAL or AUTO.
• Choose AUTO to play the discs recorded in the NTSC system.
• The default setting is PAL.

LOGO:

• Press **ENTER** to switch ON (opening picture)/OFF(black).
• The default setting is ON.

5 Press **SETUP** to exit.

NOTES:
• Be sure to press the **SETUP** button, or the setting will not work.
• You can also choose the item by pressing the numbers.

Language Setting

DVD

Language options are not available with some discs.

1 Press **SETUP** in STOP mode.

2 Press ▶ to select **CUSTOM**, then press **ENTER**.
• CUSTOM mode will appear.

3 Press ◀ or ▶ to select LANGUAGE, then **ENTER** to confirm.

4 Press ▲ or ▼ to select the below items, then press **ENTER**.

```
                LANGUAGE
AUDIO            ORIGINAL
SUBTITLE         OFF
DISC MENU        ENGLISH
PLAYER MENU      ENGLISH
```

AUDIO :

• Sets the audio language.
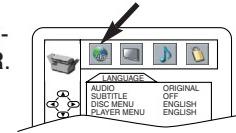
SUBTITLE :

• Sets the subtitle language.

DISC MENU :

• Sets the language for DVD Menu.

PLAYER MENU : QUICK

• Sets the language for the On-Screen display.

5 Press ▲ or ▼ to select a setting, then press **ENTER**.
• If OTHERS is selected in the AUDIO, SUBTITLE or DISC MENU screen, press four-digit number to enter the code for the desired language. (Refer to the language code list below).
• Only the languages supported by the disc can be selected.

6 Press **SETUP** to exit.

NOTE:
• Language Setting for Audio and Subtitle is not available with some discs. Then use **AUDIO** and **SUBTITLE**. Details are on page 16.

DVD SETUP

Language	Code	Language	Code	Language	Code	Language	Code
A-B		French [FRE]	5264	Macedonian	5957	Siswat	6565
Abkhazian	4748	Frisian	5271	Malagasy	5953	Slovak	6557
Afar	4747	Galician	5358	Malay	5965	Slovenian	6558
Afrikaans	4752	Georgian	5747	Malayalam	5958	Somali	6561
Albanian	6563	German [GER]	5051	Maltese	5966	Spanish [SPA]	5165
Amharic	4759	Greek [GRE]	5158	Maori	5955	Sundanese	6567
Arabic	4764	Greenlandic	5758	Marathi	5964	Swahili	6569
Armenian	5471	Guarani	5360	Moldavian	5961	Swedish [SWE]	6568
Assamese	4765	Gujarati	5367	Mongolian	5960	**T**	
Aymara	4771	Hausa	5447	Nauru	6047	Tagalog	6658
Azerbaijani	4772	Hebrew	5569	Nepali	6051	Tajik	6653
Bashkir	4847	Hindi	5455	Norwegian [NOR]	6061	Tamil	6647
Basque	5167	Hungarian [HUN]	5467	**O-R**		Tatar	6666
Bengali;Bangla	4860	**I-K**		Occitan	6149	Telugu	6651
Bhutani	5072	Icelandic [ICE]	5565	Oriya	6164	Thai	6654
Bihari	4854	Indonesian	5560	Oromo(Afan)	6159	Tibetan	4861
Bislama	4855	Interlingua	5547	Panjabi	6247	Tigrinya	6655
Breton	4864	Interlingue	5551	Pashto;Pushto	6265	Tonga	6661
Bulgarian	4853	Inupiak	5557	Persian	5247	Tsonga	6665
Burmese	5971	Irish [IRI]	5347	Polish	6258	Turkish [TUR]	6664
Byelorussian	4851	Italian [ITA]	5566	Portuguese [POR]	6266	Turkmen	6657
C-E		Japanese [JPN]	5647	Quechua	6367	Twi	6669
Cambodian	5759	Javanese	5669	Rhaeto-Romance	6459	**U-Z**	
Catalan	4947	Kannada	5760	Romanian [RUM]	6461	Ukrainian	6757
Chinese [CHI]	7254	Kashmiri	5765	Russian [RUS]	6467	Urdu	6764
Corsican	4961	Kazakh	5757	**S**		Uzbek	6772
Croatian	5464	Kinyarwanda	6469	Samoan	6559	Vietnamese	6855
Czech	4965	Kirghiz	5771	Sangho	6553	Volapuk	6861
Danish [DAN]	5047	Kirundi	6460	Sanskrit	6547	Welsh	4971
Dutch [DUT]	6058	Korean [KOR]	5761	Scots Gaelic	5350	Wolof	6961
English [ENG]	5160	Kurdish	5767	Serbian	6564	Xhosa	7054
Esperanto	5161	**L-N**		Serbo-Croatian	6554	Yiddish	5655
Estonian	5166	Laothian	5861	Sesotho	6566	Yoruba	7161
F-H		Latin	5847	Setswana	6660	Zulu	7267
Faroese	5261	Latvian;Lettish	5868	Shona	6560		
Fiji	5256	Lingala	5860	Sindhi	6550		
Finnish [FIN]	5255	Lithuanian	5866	Singhalese	6555		

If you choose a Language that has a 3 letter language code, the code will be displayed every time you change the Audio or Subtitle language setting on page 16. If you choose any other languages, '---' will be displayed instead. (3 letter language code is written in bracket.)

If the DVD player does not perform properly when operated as instructed in this Owner's Manual, check the player, consulting the following checklist.

Problem	Solution
No power	–Check if the AC power cord is properly connected.
	–Unplug the outlet once, and wait for 5-10seconds and
	then plug it in again.
No sound or picture	–Check if the TV is switched on.
	–Check the video connection.
	–Check the VIDEO/AUDIO cable connections to the TV
	(See Connecting to a TV).
	–Use a DIGITAL AUDIO OUT jack when outputting the DTS audio.
Distorted picture	–Sometimes a small amount of picture distortion may appear.
	This is not a malfunction.
	–Connect the player directly to th TV.
Completely distorted picture or	–Connect DVD player directly to the TV.
black/white picture with DVD	–Make sure the disc is compatible with the DVD player.
No sound or distorted sound	–Adjust the volume.
	–Check that the speakers are connected correctly.
No audio at digital output	–Check the digital connections.
	–Check if the audio format of the selected audio language
	matches your receiver capabilities.
No sound and picture	–Check that the VIDEO/AUDIO cable is connected to the correct
	device (See Connecting to a TV).
Picture freezes momentarily	–Check the disc for fingerprints/scratches and
during playback	clean with a soft cloth wiping from center to edge.
	–Clean the disc.
Disc can't be played	–Clean the disc.
	–Ensure the disc label is facing up.
	–Check if the disc is defective by trying another disc.
	–Cancel the parental lock or change the control level.
	–Insert a correct disc that plays on this player.
No return to start-up screen when	–Reset the player by switching the player off, then on
disc is removed	again.
The player does not respond to	–Aim the remote control directly at the sensor on the
the remote control	front of the player.
	–Reduce the distance to the player.
	–Replace the batteries in the remote control.
	–Re-insert the batteries with their polarities (+/– signs) as indicated.
Buttons do not work or player stops	–To completely reset the player, unplug the AC
responding	cord from the AC outlet for 5-10 seconds.
Player does not respond to some	–Operations may not be permitted by the disc.
operating commands during playback.	Refer to the instructions of the disc.
DVD player cannot read	–Use a commonly available cleaning CD/DVD to
CDs/DVDs	clean the lens before sending the DVD player for repair.

NOTES:

Some functions are not available in specific modes, but this is not a malfunction. Read the description in this Owner's Manual for details on correct operations.
• Playback from a desired track and random playback are not available during program playback.

SPECIFICATIONS

OUTPUT SIGNAL FORMAT
PAL color

POWER SOURCE
220-240 V AC +/- 10%, 50 Hz +/- 0.5%

POWER CONSUMPTION
15 W (standby: 5W)

OPERATING TEMPERATURE
41°F(5°C) to 104°F(40°C)

DIMENSIONS
W 17-1/8" (435mm)
H 2-1/4"   (55mm)
D 8-1/4"   (211mm)

WEIGHT
Approx   3.8lbs (1.8kg)

- **Designs and specifications are subject to change without notice.**
- **If there is a discrepancy between languages, the default language will be English.**

MAINTENANCE

Servicing
- Should your DVD player become inoperative, do not try to correct the problem by yourself. There are no user-serviceable parts inside. Turn off, unplug the power cord, and please contact the Hitachi dealer who supplied the product or call the Hitachi helpline to locate an Authorized Service Center.

Cleaning the Cabinet
- Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Cleaning Discs
- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out. Do not wipe in a circular motion.
- Do not use solvents such as benzine, thinner, commercially available cleaners, detergent, adrasive cleaning agents or antistatic spray intended for analogue records.

Cleaning the disc lens
- If the player still does not perform properly when it is operated while referring to the relevant sections and to "TROUBLESHOOTING GUIDE" in this Owner's Manual, the laser optical pickup unit may be dirty. Consult your dealer or an Authorized Service Center for inspection and cleaning of the laser optical pickup unit.

Disc Handling
- Use discs which have the following logos on them.
  (Optical audio digital discs.)

- Handle the discs so that fingerprints and dust do not adhere to the surfaces of the discs.
- Always store the disc in its protective case when it is not used.

Make your contribution to the environment!!!
• Used up batteries do not belong in the dust bin.
• You can dispose of them at a collection point for used up batteries or special waste. Contact your council for details.

HITACHI
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Hitachi, Ltd. Tokyo, Japan
International Sales Division
THE HITACHI ATAGO BUILDING,
No. 15 –12 Nishi Shinbashi, 2 – Chome,
Minato – Ku, Tokyo 105-8430, Japan.
Tel: 03 35022111

HITACHI EUROPE LTD.
Dukes Meadow
Millboard Road
Bourne End
Buckinghamshire
SL8 5XF
UNITED KINGDOM
Tel: 01628 643000
Fax: 01628 643400
Email: consumer-service@hitachi-eu.com

HITACHI EUROPE S.A.
364, Kifissias Ave. & 1, Delfon Str.
152 33 Chalandri
Athens
GREECE
Tel: 1-6837200
Fax: 1-6835694
Email: service.hellas@hitachi-eu.com

HITACHI EUROPE GmbH
Munich Office
Dornacher Strasse 3
D-85622 Feldkirchen bei München
GERMANY
Tel: +49 -89-991 80-0
Fax: +49 - 89 - 991 80 -224
Hotline: +49 - 180 - 551 25 51 (12ct/min.)
Email: HSE-DUS.Service@Hitachi-eu.com

HITACHI EUROPE S.A.
Gran Via Carlos III, 101 - 1
08028 Barcelona
SPAIN
Tel: 93 409 2550
Fax: 93 491 3513
Email: rplan@hitachi-eu.com

HITACHI EUROPE SRL
Via T. Gulli n.39
20147 MILAN
ITALY
Tel: 02 487861
Fax: 02 48786381
Servizio Clienti
Tel. 02 38073415
Email: customerservice.italy@hitachi-eu.com

HITACHI EUROPE AB
Box 77
S-164 94 KISTA
SWEDEN
Tel: 08 562 711 00
Fax: 08 562 711 11
Email: csgswe@hitachi-eu.com

HITACHI EUROPE S.A.S
Lyon Office
B.P. 45, 69671 Bron Cedex
FRANCE
Tel: 04 72 14 29 70
Fax: 04 72 14 29 99
Email: france.consommateur@hitachi-eu.com

HITACHI EUROPE LTD.
Norwegian Branch Office
Strandveien 18
1366 Dysaker
NORWAY
Tel: 02205 9060
Fax: 02205 9061
Email csgnor@hitachi-eu.com

HITACHI EUROPE LTD
BENELUX OFFICE
BERGENSESTEENWEG 421 BUS 11
1600 SINT-PIETERS-LEEUW
BELGIUM
TEL : 0032/2 363 99 01
FAX: 0032/2 363 99 00
Email : info@hitachi.be